Docket No.   273626US2PCT

JC03 Rec'd PCT/PTO 1 5 SEP 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Jerome HAZART

SERIAL NO: 10/540,003   GAU:

FILED: June 21, 2005   EXAMINER:

FOR: METHOD OF OPTICAL CHARACTERIZATION OF MATERIALS WITHOUT USING A PHYSICAL MODEL

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:
   Applicant(s) wish to disclose the following information.

REFERENCES

■ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

■ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number <u>15-0030</u>. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Marvin J. Spivak
Registration No. 24,913

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

Surinder Sachar
Registration No. 34,423

Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 273626US2PCT	SERIAL NO. 10/540,003
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Jerome HAZART	
		FILING DATE June 21, 2005	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,956,145	09/21/99	GREEN, Steven E. et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AN	02/27288	04/04/02	WO		NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AO	D. BHATTACHARYYA et al.: "Spectroscopic ellipsometry of multilayer dielectric coatings", Vacuum, Vol. 60, No. 4, pages 419-424, March 2001. XP-002954104
	AP	Jean GARRIGUES: "La methode des elements finis", 'Online!, pages 1-83, January 2002. XP-002254500
	AQ	Babar K. MINHAS et al.: "Ellipsometric scatterometry for the metrology of sub-0.1-μm-linewidth structures", Applied Optics, Vol. 37, No. 22, pages 5112-5115, August 1, 1998. XP-001162836
	AR	Fred L. TERRY, Jr.: "A modified harmonic oscillator approximation scheme for the dielectric constants of AlxGa1-xAs", Journal of Applied Physics, Vol. 70, No. 1, pages 409-417, July 1, 1991.
	AS	R.M.A. AZZAM and N.M. BASHARA: "ELLIPSOMETRY AND POLARIZED LIGHT", Chapter 6, pages 417-486.
	AT	Max Wolf BORN: "Principles of Optics", 7th, exp. ed. 1999.
	AU	A. R. FOROUHI: "Optical dispersion relations for amorphous semiconductors and amorphous dielectrics", Physical Review B, Vol. 34, No. 10, pages 7018-7026, November 15, 1986.
	AV	W. H. PRESS, S. A. TEUKOLSKY, W. T. VETTERLING, B. P. FLANNERY: "Numerical Recipes in C: The Art of Scientific Computing", 2nd Edition, Chapter 3, pages 105-123.
	AW	W. H. PRESS, S. A. TEUKOLSKY, W. T. VETTERLING, B. P. FLANNERY: "Numerical Recipes in C: The Art of Scientific Computing", 2nd Edition, Chapter 10, pages 394-455.
	AX	
	AY	☐ Additional References sheet(s) attached

Examiner	Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PCT Application Serial No.: 10/540,003
Docket No.: 273626US2PCT

STATEMENT OF RELEVANCY

1) References __AA, AN-AR__ have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.

2) Reference___ have been cited in the corresponding _____ Search Report. A copy of this reference is being submitted herewith.

3) References __AS-AW__ are discussed in the specification. A copy of these references is being submitted here with.

4) Reference _____ is additional prior art known to Applicant. A copy of these references is being submitted herewith.